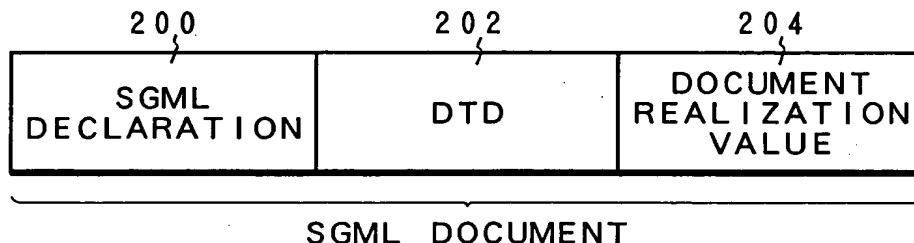


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

1 / 2 8

## FIG. 1 PRIOR ART



## FIG. 2 PRIOR ART

```

.....
<!--=====Link Markup=====-->
<!ENTITY % linkType "NAMES">
<!ENTITY % linkExtraAttributes
    "REL %linkType#IMPLIED
    REV %linkType#IMPLIED
    URN CDATA#IMPLIED
    TITLE CDATA#IMPLIED
    METHODS NAMES#IMPLIED
    ">
<![% HTML. Recommended [
    <!ENTITY % A.content "(%text)* "
    --<H1><a name="xxx">Heading</a></H1>
        is preferred to
        <a name="xxx"></H1>Heading</H1></a>
    -->
]]>
<!ENTITY % A.content "(%heading| %text)* ">
<!ELEMENT A      --%A.content-(A)>
<!ATTLIST A
    HREF CDATA#IMPLIED
    NAME CDATA#IMPLIED
    %linkExtraAttributes;
    %SDAPREF;"<Anchor:#AttList>"
<!--<A>      Anchor;source/destination of link    -->
<!--<A NAME="...">    Name of this anchor        -->
<!--<A HREF="...">    Address of link destination    -->
<!--<A URN="...">    Permanent address of destination    -->
.....

```

09555-07100  
66E720-55523660

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

2 / 28

## FIG. 3

```

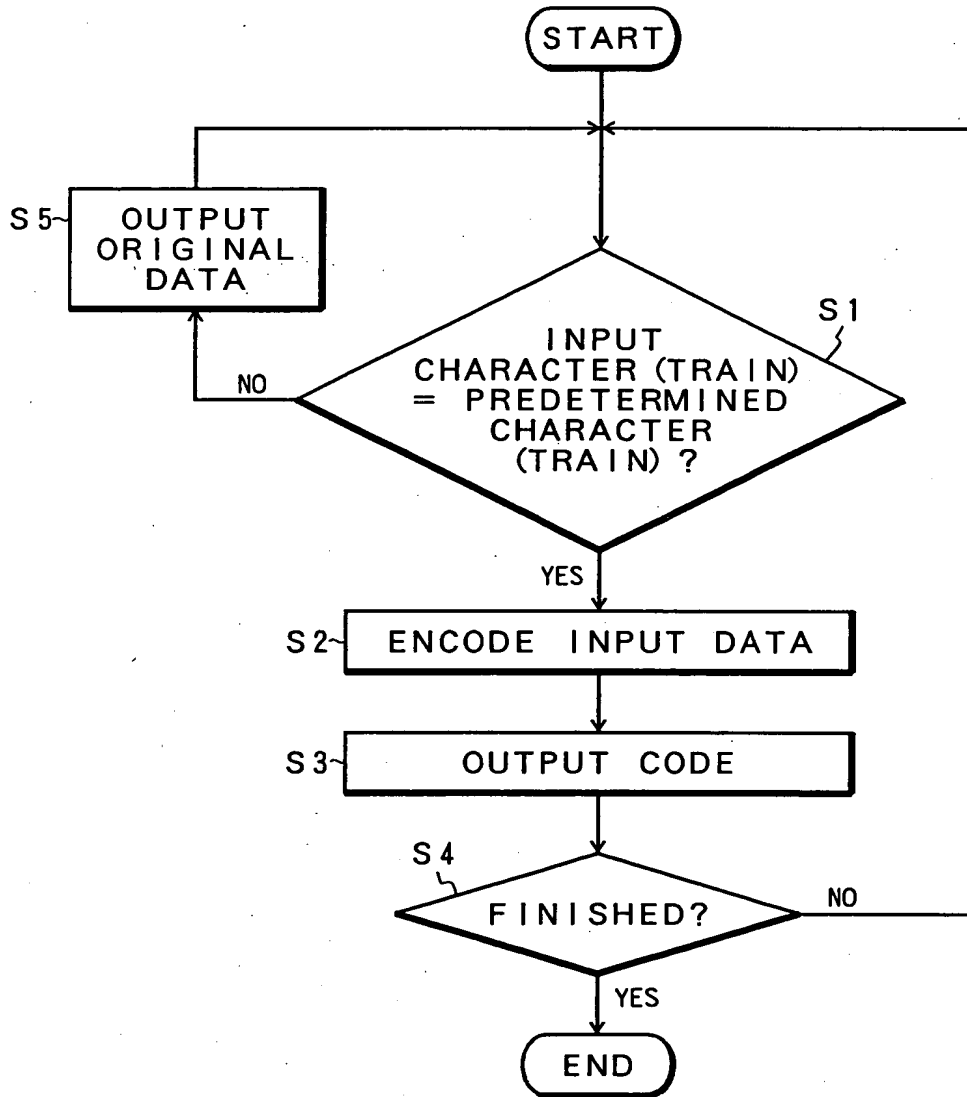
<TITLE> SPECIFICATION OF THE INVENTION (DEVICE) </TITLE>
<SECTION> TITLE OF THE INVENTION (DEVICE) </SECTION>
  DATA COMPRESSING-RECONSTRUCTING METHOD AND APPARATUS AND DOCUMENT
  MANAGEMENT SYSTEM <P>
<SECTION> SCOPE OF CLAIM </SECTION>
<SUBSECTION> A DATA COMPRESSING APPARATUS FOR ENCODING INPUT DATA,
  </SUBSECTION>
<LIST>
  <ITEM> MEANS FOR HOLDING A CODE TABLE
  <ITEM> STEP OF ENCODING INPUT DATA ON THE BASIS OF A CODE TABLE
</LIST> A DATA COMPRESSING METHOD CHARACTERIZED BY COMPRISING: <P>
<SECTION> DETAILED DESCRIPTION OF THE INVENTION </SECTION>
<SUBSECTION> INDUSTRIAL FIELD OF UTILIZATION </SUBSECTION>
<PARAGRAPH> IN RECENT YEARS, VARIOUS KINDS OF DATA SUCH AS CHARACTER
CODES, VECTOR INFORMATION, AND IMAGES HAS BEEN HANDLED BY A COMPUTER
AND AN AMOUNT OF DATA WHICH IS HANDLED IS ALSO RAPIDLY INCREASING.
WHEN A LARGE AMOUNT OF DATA IS HANDLED, BY COMPRESSING THE DATA
AMOUNT BY OMITTING REDUNDANT PORTIONS IN THE DATA, A MEMORY CAPACITY
CAN BE REDUCED AND THE DATA CAN BE TRANSMITTED AT A HIGH SPEED.
<PARAGRAPH> RECENTLY, THERE IS A TREND OF UNIFYING FORMATS OF DOCUMENTS
WHICH ARE HANDLED BY COMPUTERS. THE FORMATS OF DOCUMENTS WHICH WERE
DIFFERENT FOR COMPUTERS OR APPLICATIONS SO FAR ARE ENABLED TO BE USED
EVEN BY DIFFERENT COMPUTERS. <TT> SGML (STANDARD GENERALIZED MARKUP
LANGUAGE) </TT> IN 1986, IS

```

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

3 / 2 8

FIG. 4



0352355-071399  
06ET20-5525660

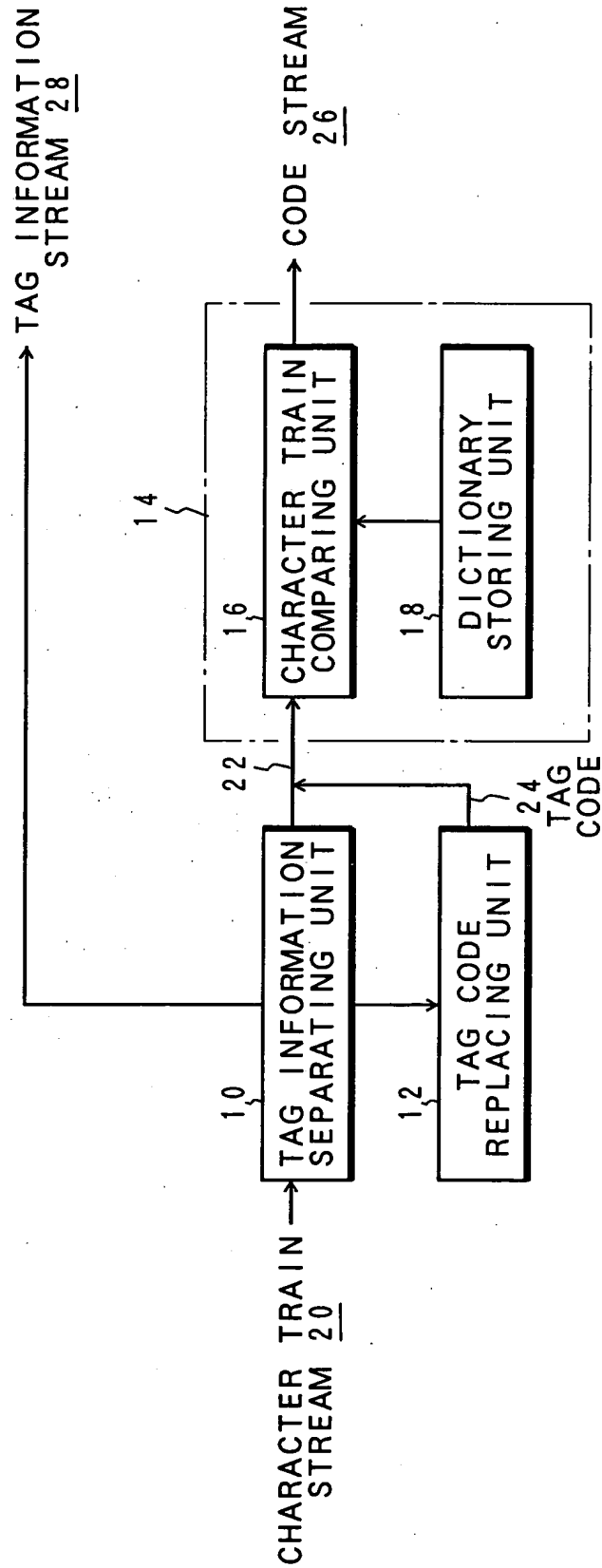


66ET40" 55225260

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

5 / 2 8

FIG. 6

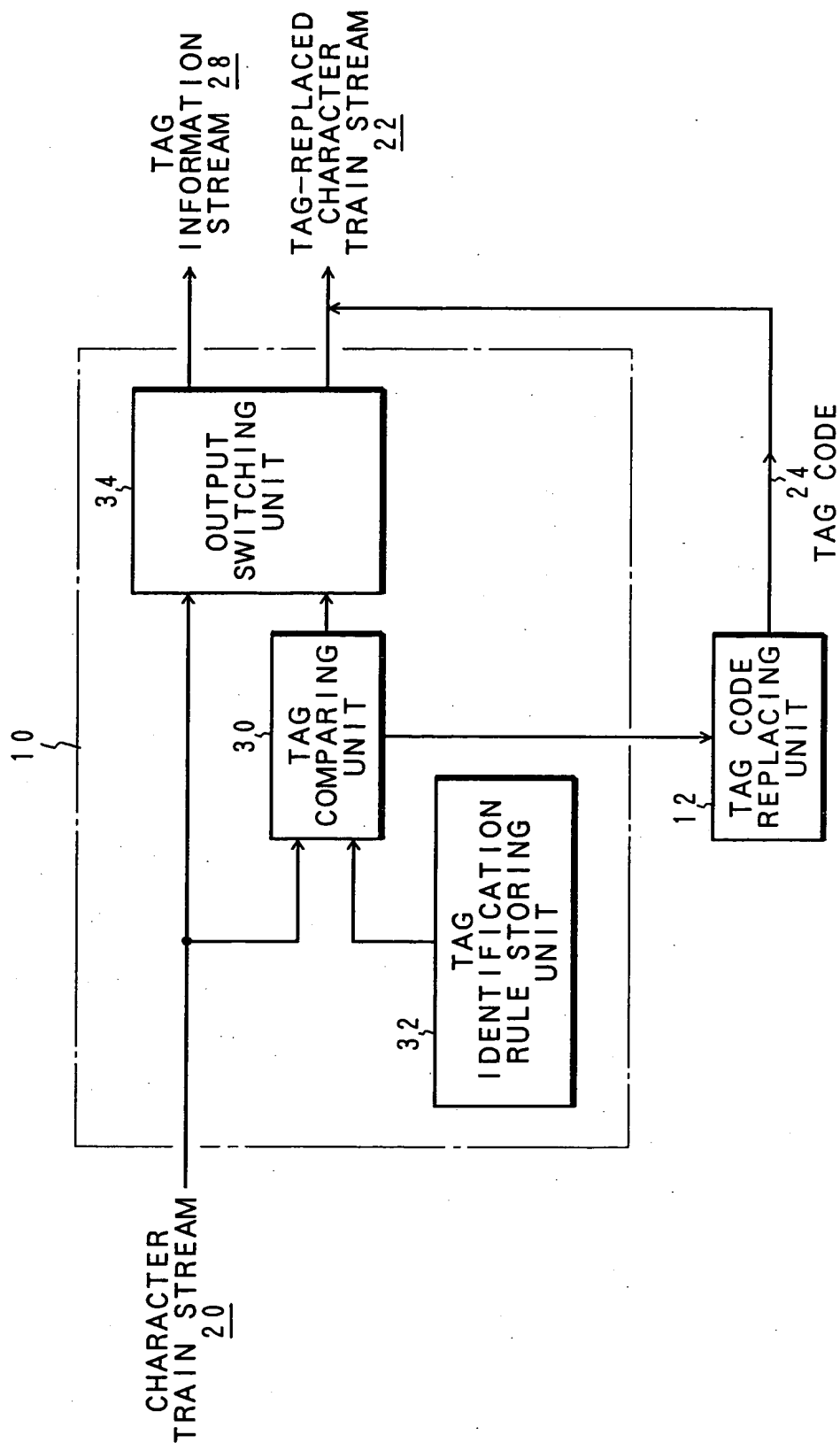


66E140-55225E60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

6 / 2 8

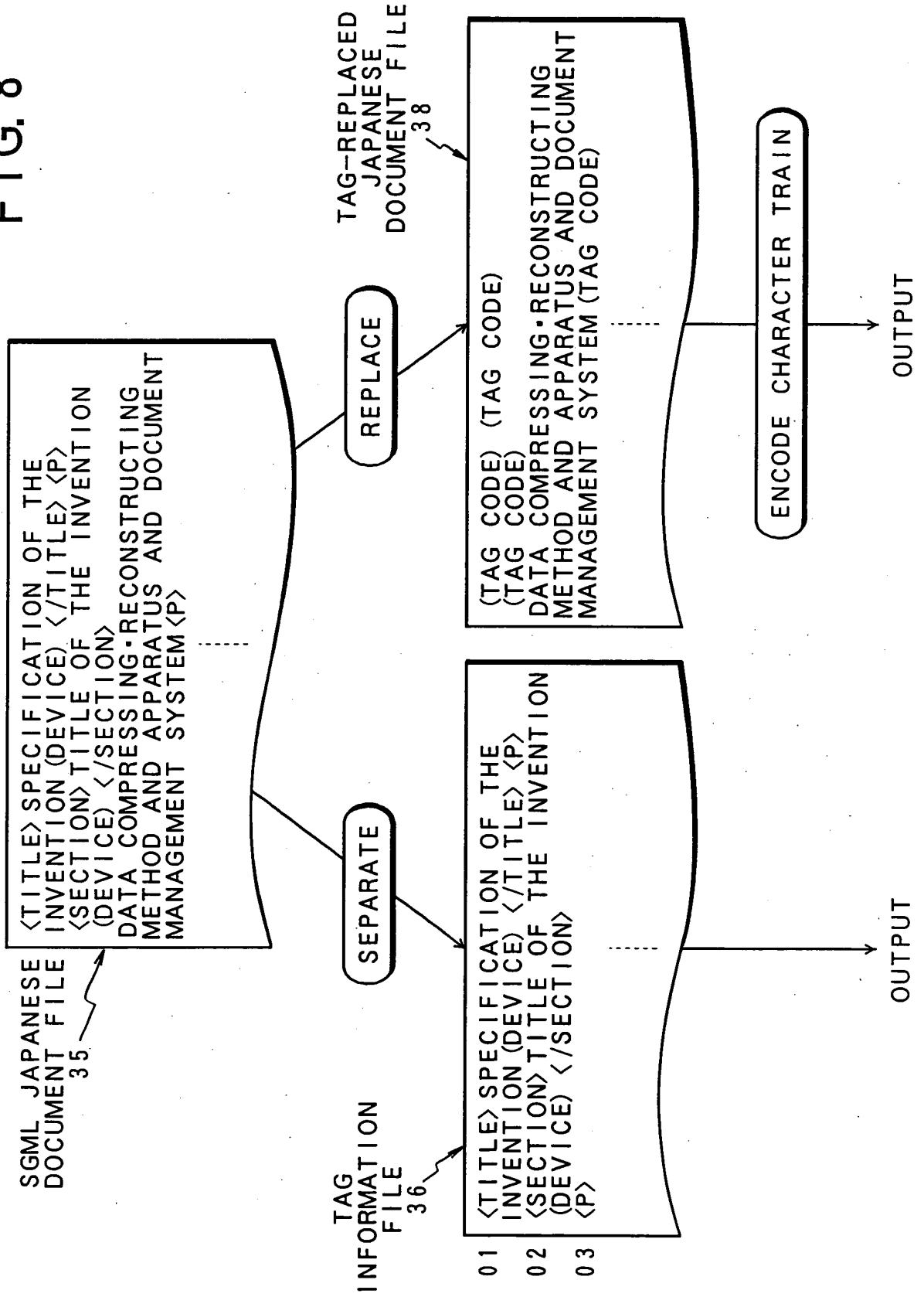
FIG. 7



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
RAFTSMAN		

7/28

FIG. 8



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

8/28

## FIG. 9

38

(TAG CODE) (TAG CODE)  
 (TAG CODE)  
 DATA COMPRESSING-RECONSTRUCTING METHOD AND APPARATUS AND DOCUMENT  
 MANAGEMENT SYSTEM (TAG CODE)  
 (TAG CODE)  
 (TAG CODE)  
 (TAG CODE)  
 A DATA COMPRESSING METHOD CHARACTERIZED BY COMPRISING THE STEPS OF:  
 (TAG CODE)  
 (TAG CODE)  
 (TAG CODE)  
 (TAG CODE) IN RECENT YEARS, VARIOUS KINDS OF DATA SUCH AS CHARACTER  
 CODES, VECTOR INFORMATION, AND IMAGES HAS BEEN HANDLED BY A COMPUTER  
 AND AN AMOUNT OF DATA WHICH IS HANDLED IS ALSO RAPIDLY INCREASING.  
 WHEN A LARGE AMOUNT OF DATA IS HANDLED, BY COMPRESSING THE DATA  
 AMOUNT BY OMITTING REDUNDANT PORTIONS IN THE DATA, A MEMORY CAPACITY  
 CAN BE REDUCED AND THE DATA CAN BE TRANSMITTED AT A HIGH SPEED.  
 (TAG CODE) RECENTLY, THERE IS A TREND OF UNIFYING FORMATS OF DOCUMENTS  
 WHICH ARE HANDLED BY COMPUTERS. THE FORMATS OF DOCUMENTS WHICH WERE  
 DIFFERENT FOR COMPUTERS OR APPLICATIONS SO FAR ARE ENABLED TO BE USED  
 EVEN BY DIFFERENT COMPUTERS. (TAG CODE) IN 1986, ISO...



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

9/28

# FIG. 10

36

```

01 <TITLE> SPECIFICATION OF THE INVENTION (DEVICE) </TITLE>
02 <P>
03 <SECTION> TITLE OF THE INVENTION (DEVICE) </SECTION>
04 <P>
05 <SECTION> SCOPE OF CLAIM </SECTION>
06 <SUBSECTION> A DATA COMPRESSING APPARATUS FOR ENCODING INPUT DATA
    </SUBSECTION>
07 <LIST>
    <ITEM> MEANS FOR HOLDING A CODE TABLE
    <ITEM> STEP OF ENCODING INPUT DATA ON THE BASIS OF A CODE TABLE
    </LIST>
08 <P>
09 <SECTION> DETAILED DESCRIPTION OF THE INVENTION </SECTION>
10 <SUBSECTION> INDUSTRIAL FIELD OF UTILIZATION </SUBSECTION>
11 <PARAGRAPH>
12 <PARAGRAPH>
13 <TT> SGML (STANDARD GENERALIZED MARKUP LANGUAGE) </TT>
    ...

```

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

10/28

# FIG.11

38

(TAG CODE 1) (TAG CODE 2)  
(TAG CODE 3)

DATA COMPRESSING-RECONSTRUCTING METHOD AND APPARATUS AND DOCUMENT  
MANAGEMENT SYSTEM (TAG CODE 4)

(TAG CODE 5)  
(TAG CODE 6)  
(TAG CODE 7)

A DATA COMPRESSING METHOD CHARACTERIZED BY COMPRISING THE STEPS OF:  
(TAG CODE 8)

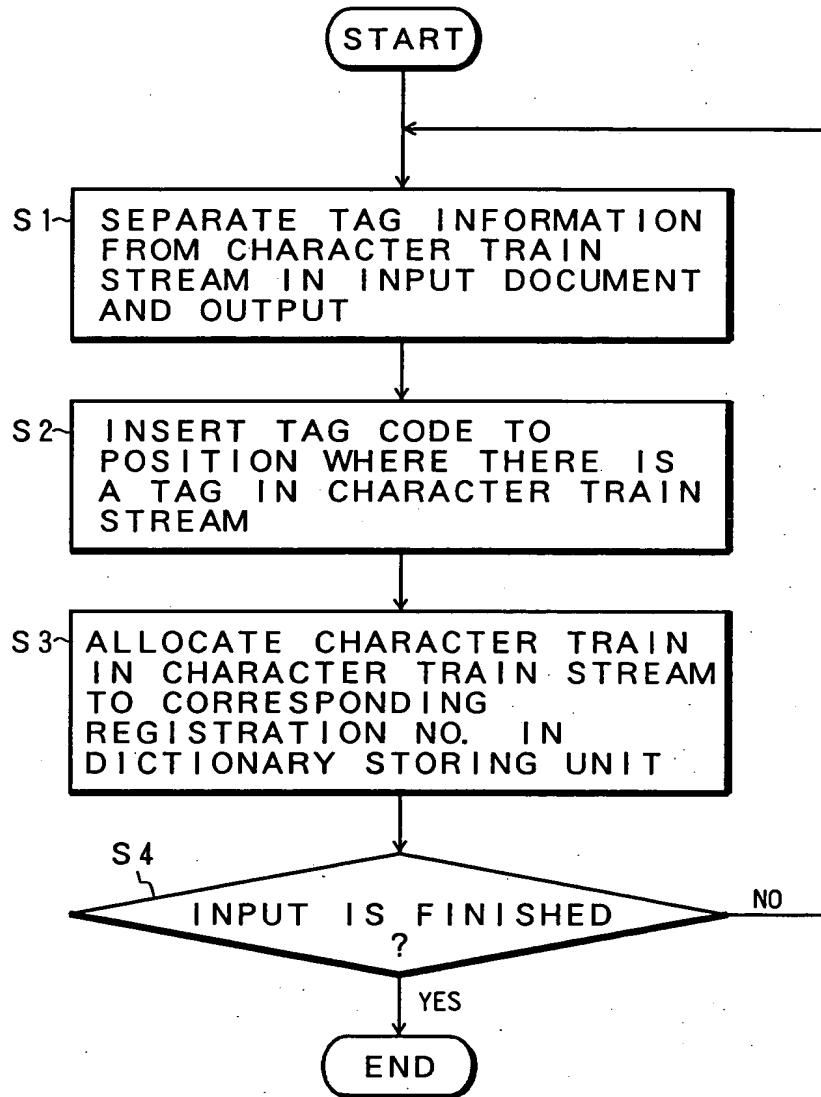
(TAG CODE 9)  
(TAG CODE 10)

(TAG CODE 11) IN RECENT YEARS, VARIOUS KINDS OF DATA SUCH AS CHARACTER  
CODES, VECTOR INFORMATION, AND IMAGES HAS BEEN HANDLED BY A COMPUTER  
AND AN AMOUNT OF DATA WHICH IS HANDLED IS ALSO RAPIDLY INCREASING.  
WHEN A LARGE AMOUNT OF DATA IS HANDLED, BY COMPRESSING THE DATA  
AMOUNT BY OMITTING REDUNDANT PORTIONS IN THE DATA, A MEMORY CAPACITY  
CAN BE REDUCED AND THE DATA CAN BE TRANSMITTED AT A HIGH SPEED.  
(TAG CODE 12) RECENTLY, THERE IS A TREND OF UNIFYING FORMATS OF  
DOCUMENTS WHICH ARE HANDLED BY COMPUTERS. THE FORMATS OF DOCUMENTS  
WHICH WERE DIFFERENT FOR COMPUTERS OR APPLICATIONS SO FAR ARE ENABLED  
TO BE USED EVEN BY DIFFERENT COMPUTERS. (TAG CODE 13) IN 1986, ISO...

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

11/28

FIG. 12



09352355.071399  
66E120"55E25E60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

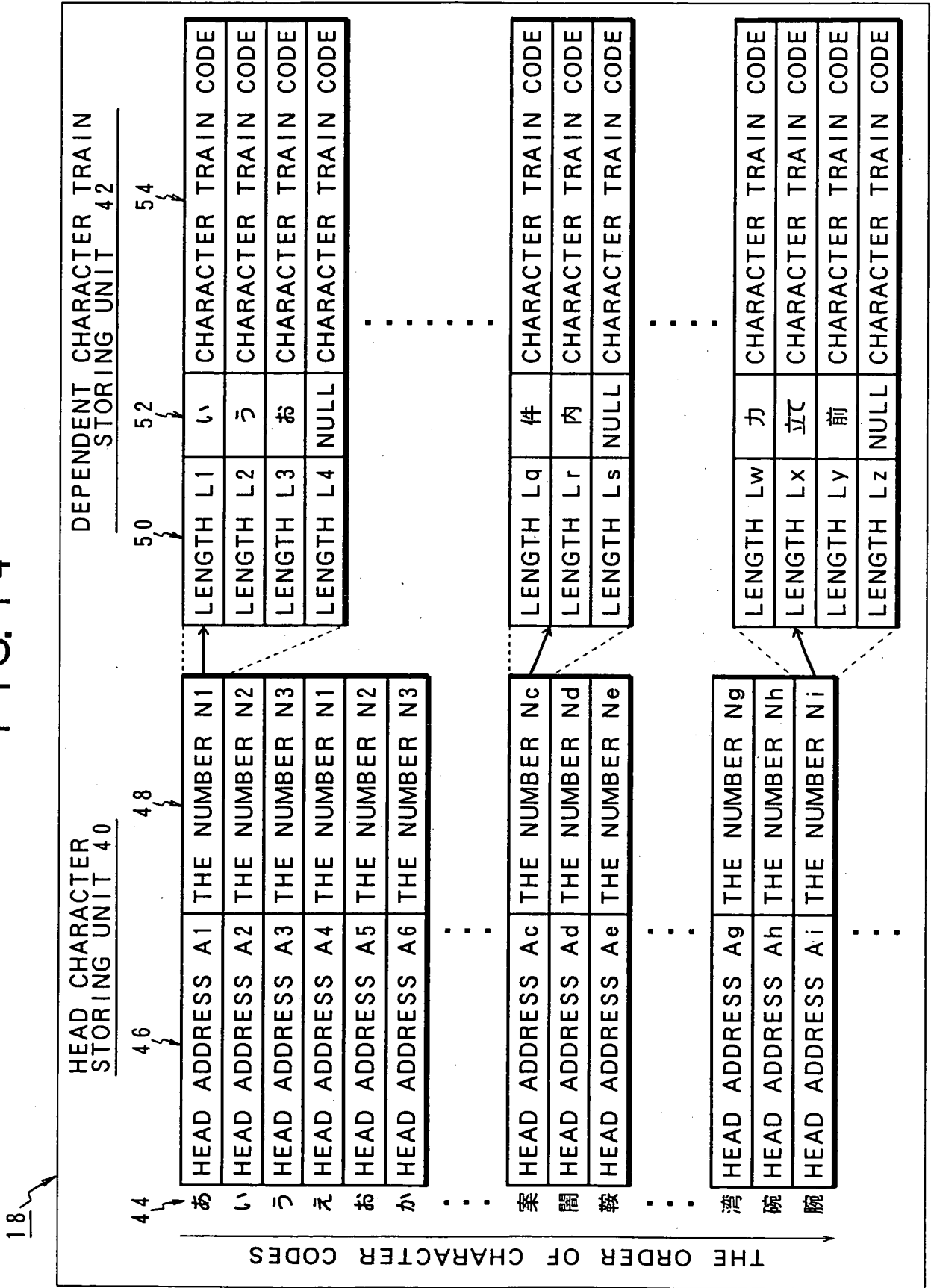
12/28

FIG. 13

PART OF SPEECH CLASS	THE NUMBER OF MORPHEMES (THE TOTAL NUMBER)	COMPONENT RATIO (%)	THE NUMBER OF MORPHEMES (THE DIFFERENT NUMBER)	COMPONENT RATIO (%)
NOUN CLASS	1, 375, 378	26.1	110, 912	81.3
VERB CLASS	622, 125	11.8	14, 638	10.7
ADJECTIVE CLASS	58, 742	1.1	1, 204	0.9
ADJECTIVE VERB CLASS	61, 192	1.2	3, 796	2.8
ADVERB CLASS	74, 332	1.4	2, 934	2.1
PARTICIPIAL ADJECTIVE CLASS	40, 271	0.8	247	0.2
CONJUNCTION CLASS	23, 562	0.4	247	0.2
PREFIX CLASS	21, 063	0.4	318	0.2
SUFFIX CLASS	122, 954	2.3	1, 330	1.0
WORDS' ENDING CLASS	631, 304	12.0	155	0.1
POST POSITIONAL WORD CLASS	1, 402, 757	26.7	171	0.1
AUXILIARY VERB CLASS	319, 852	6.1	203	0.1
INTERJECTION CLASS	356	0.0	105	0.1
OTHERS	508, 333	9.7	226	0.2
TOTAL	5, 262, 221	100.0	136, 486	100.0

66ET/0" 55225260

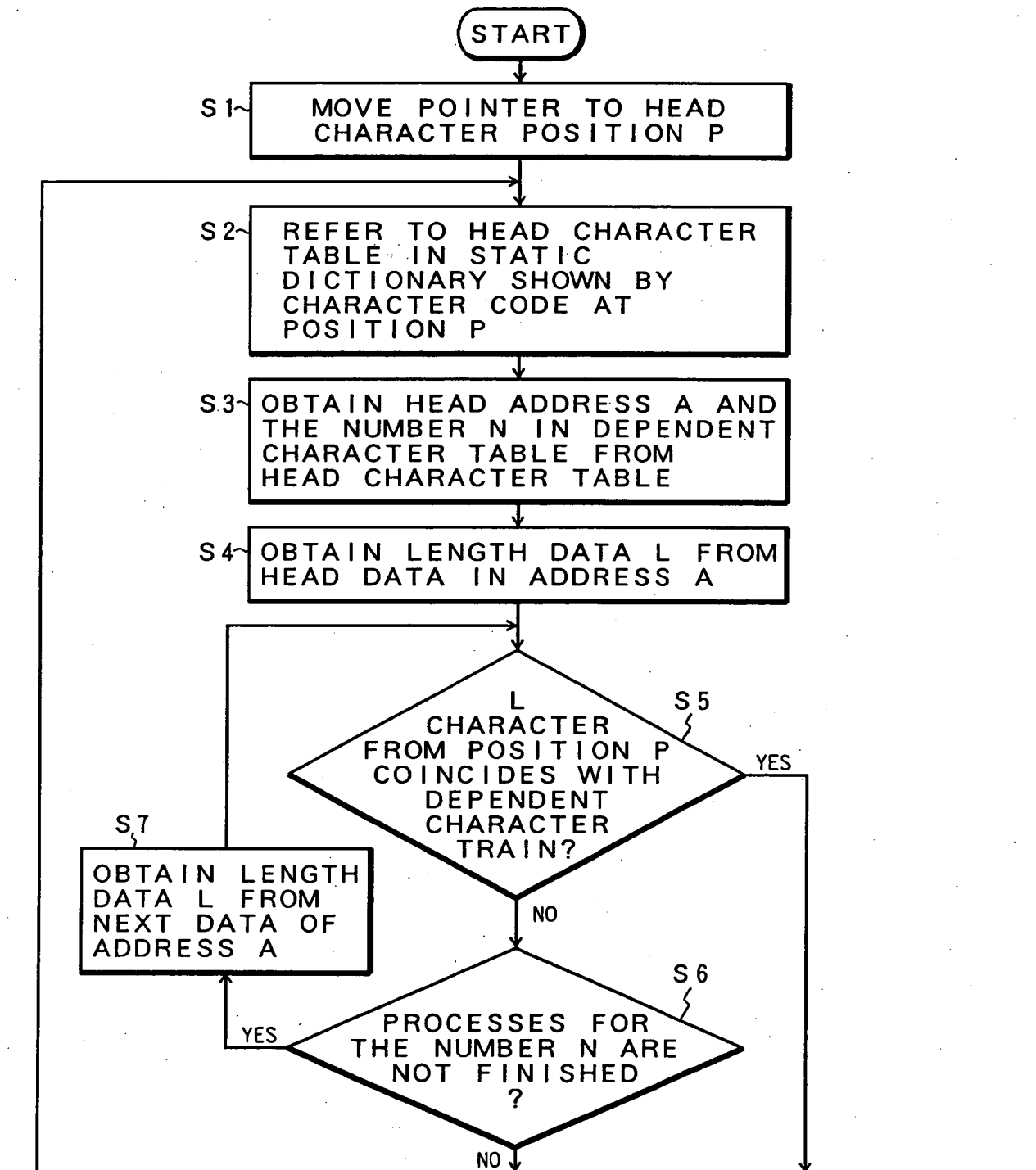
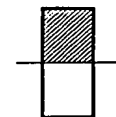
FIG. 14



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

14/28

FIG. 15A



09352355 071399

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

15/28

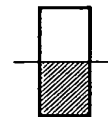
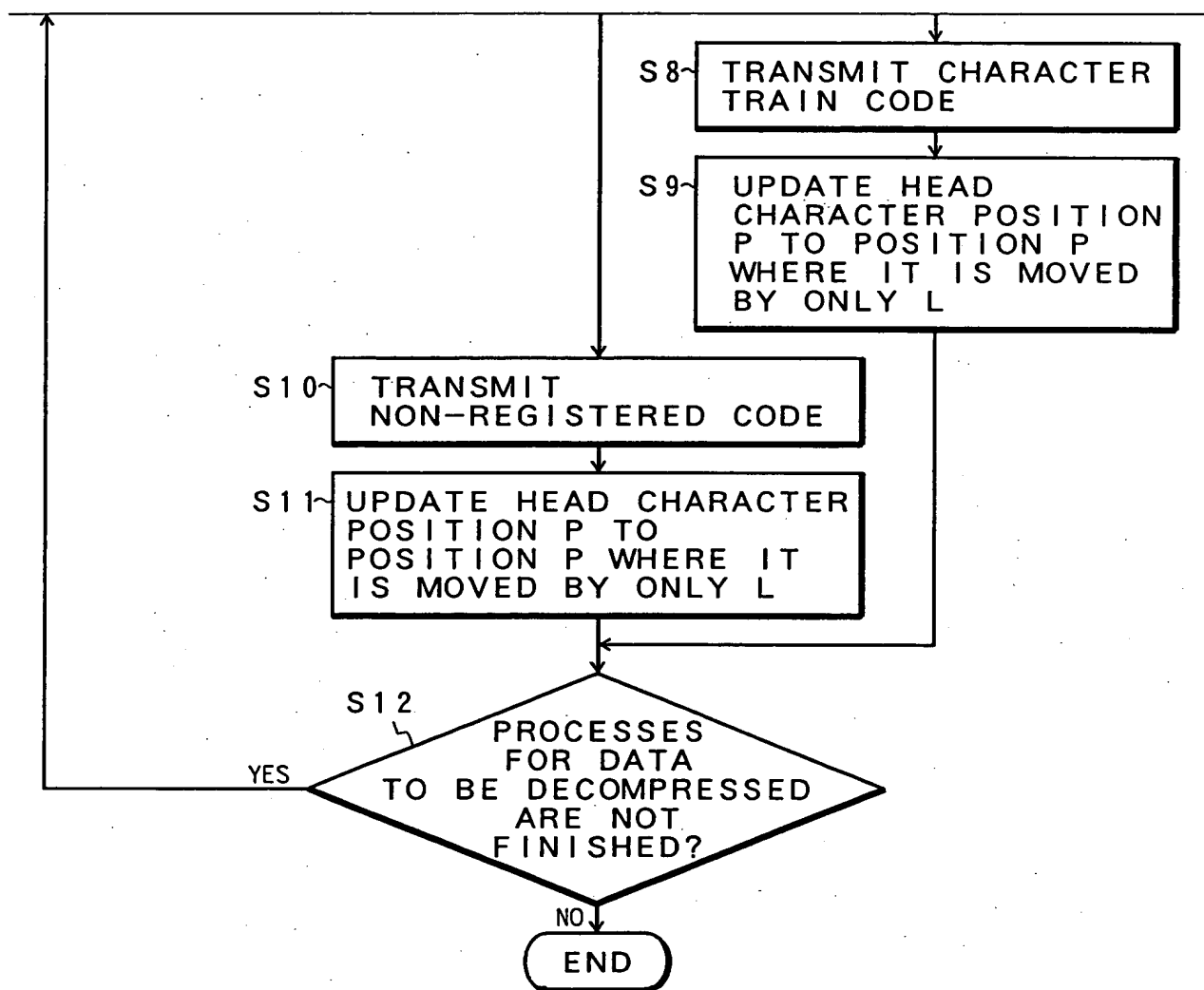


FIG. 15B



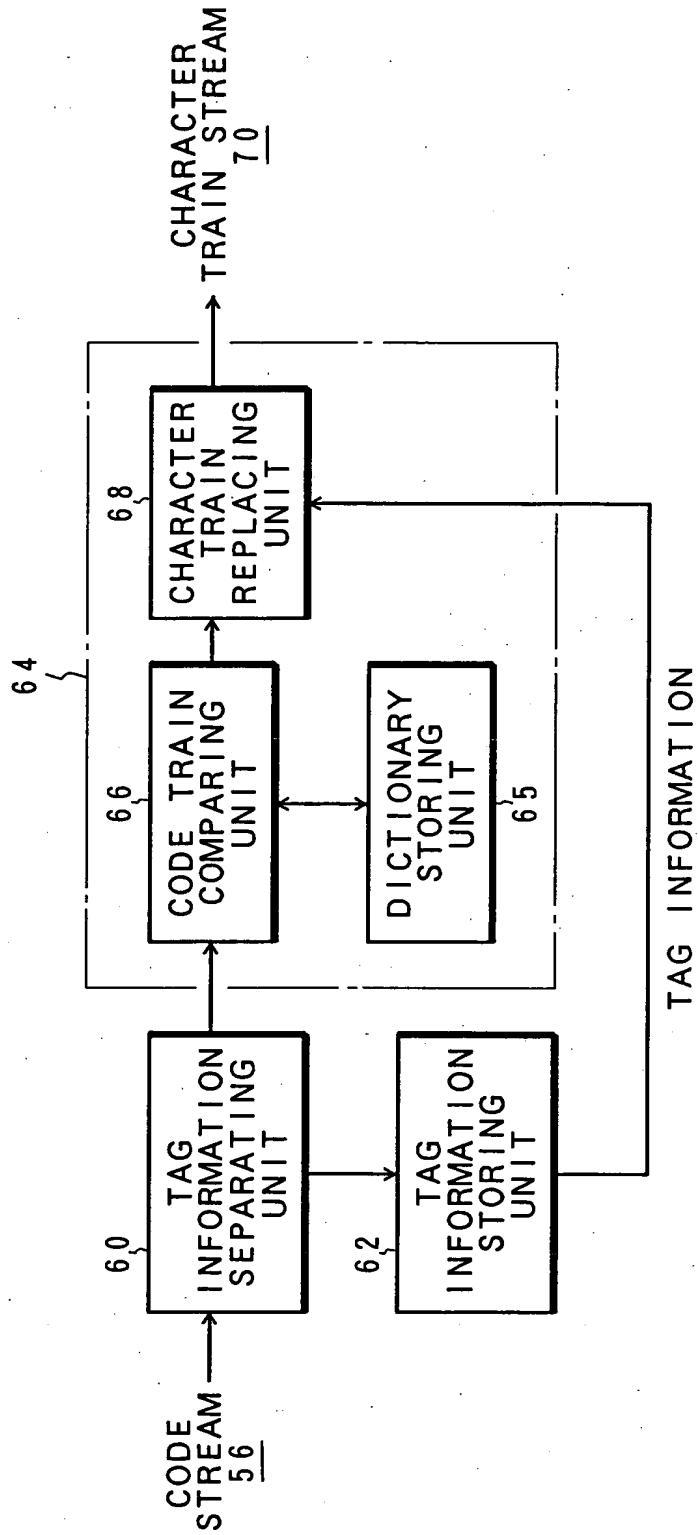
09352355-071399  
66E120-55525560

66E120" 33E25E60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

16/28

FIG. 16

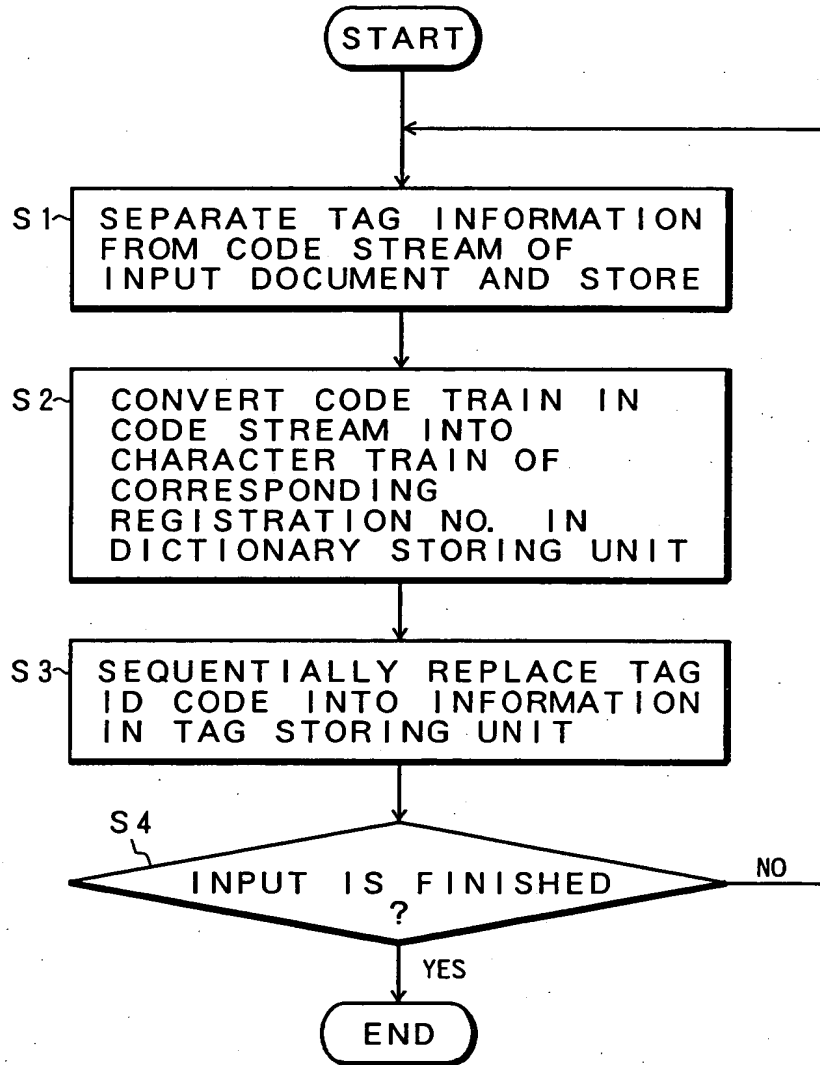




APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

17/28

FIG. 17



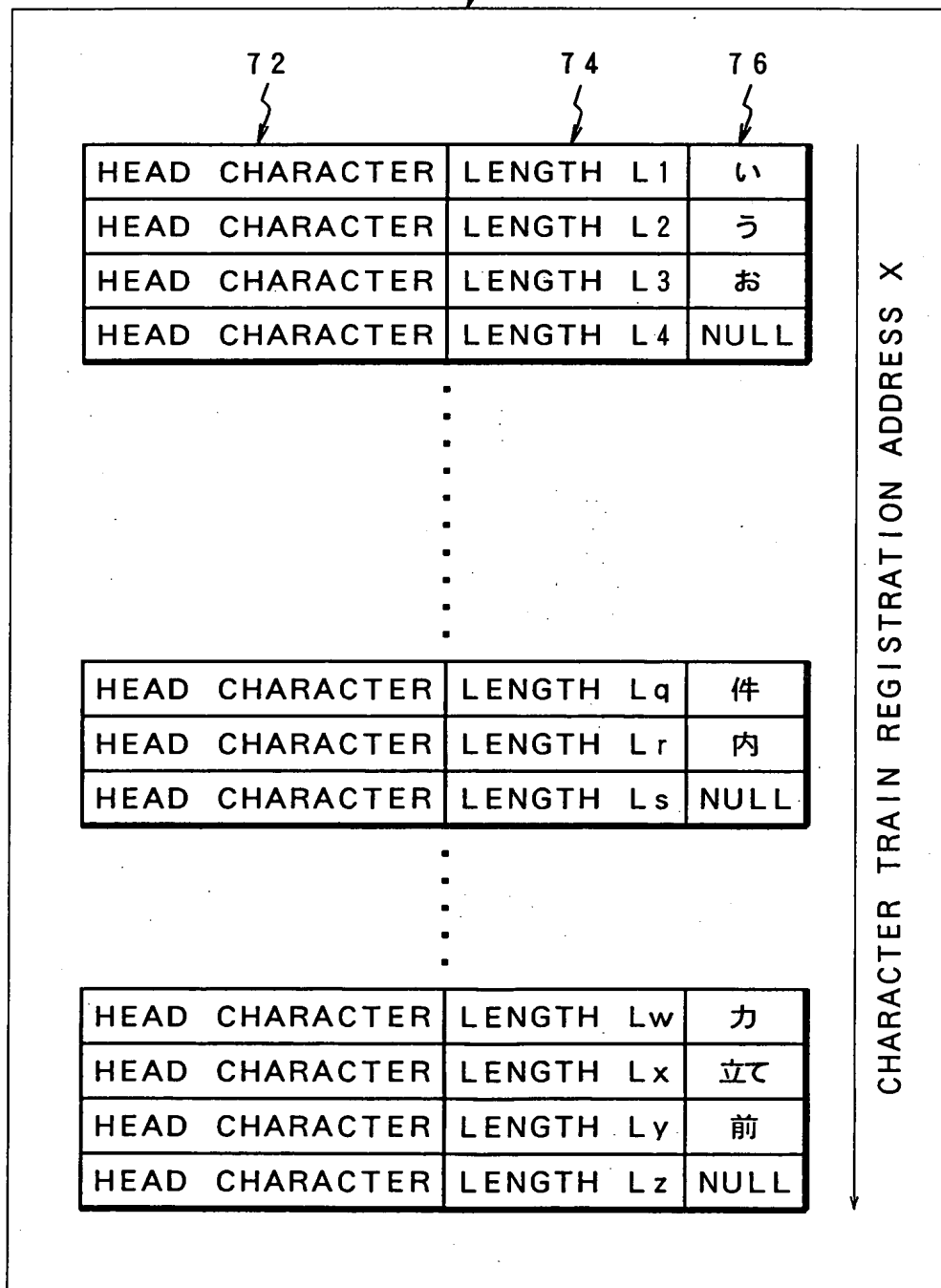
09555 07199  
66ET/0" 5525560

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

18/28

FIG. 18

65



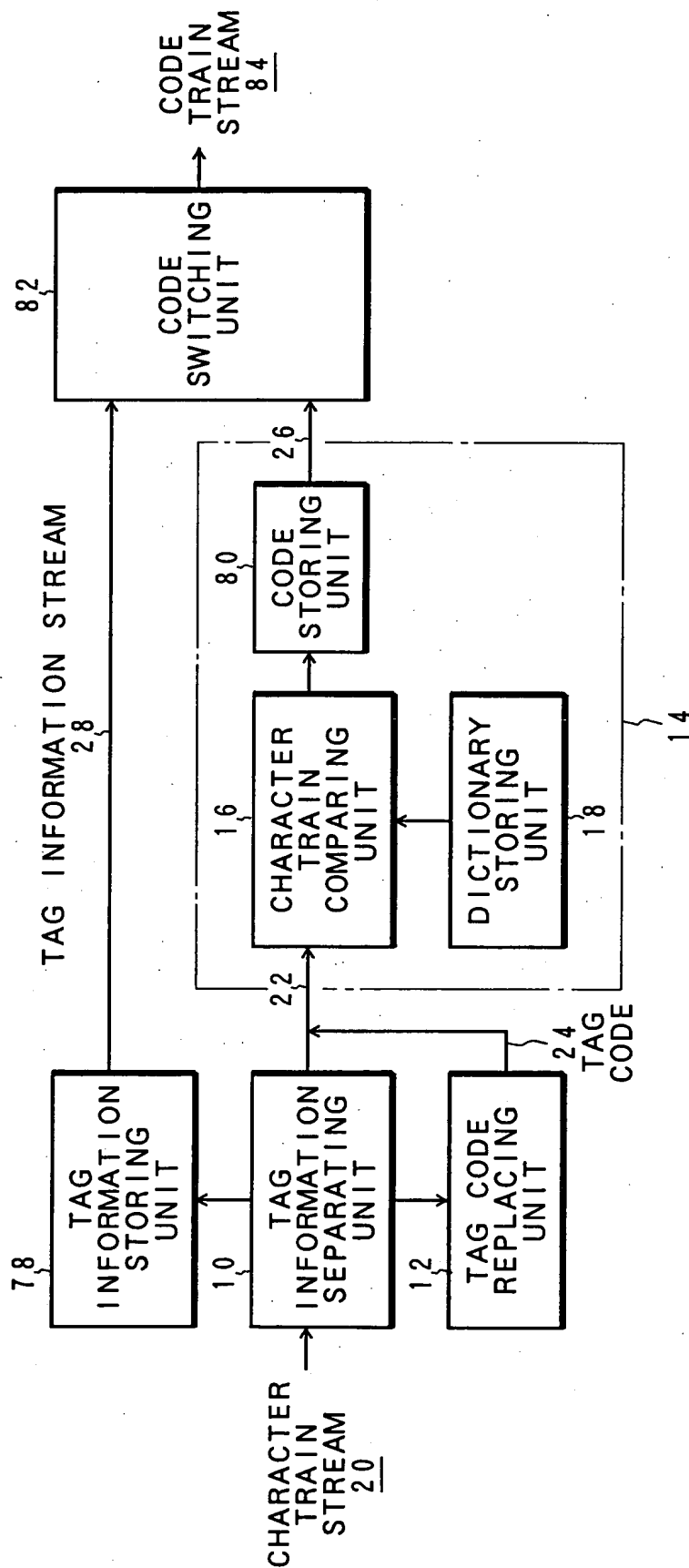
09362355 071399

66ET40" 55E29E60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

19/28

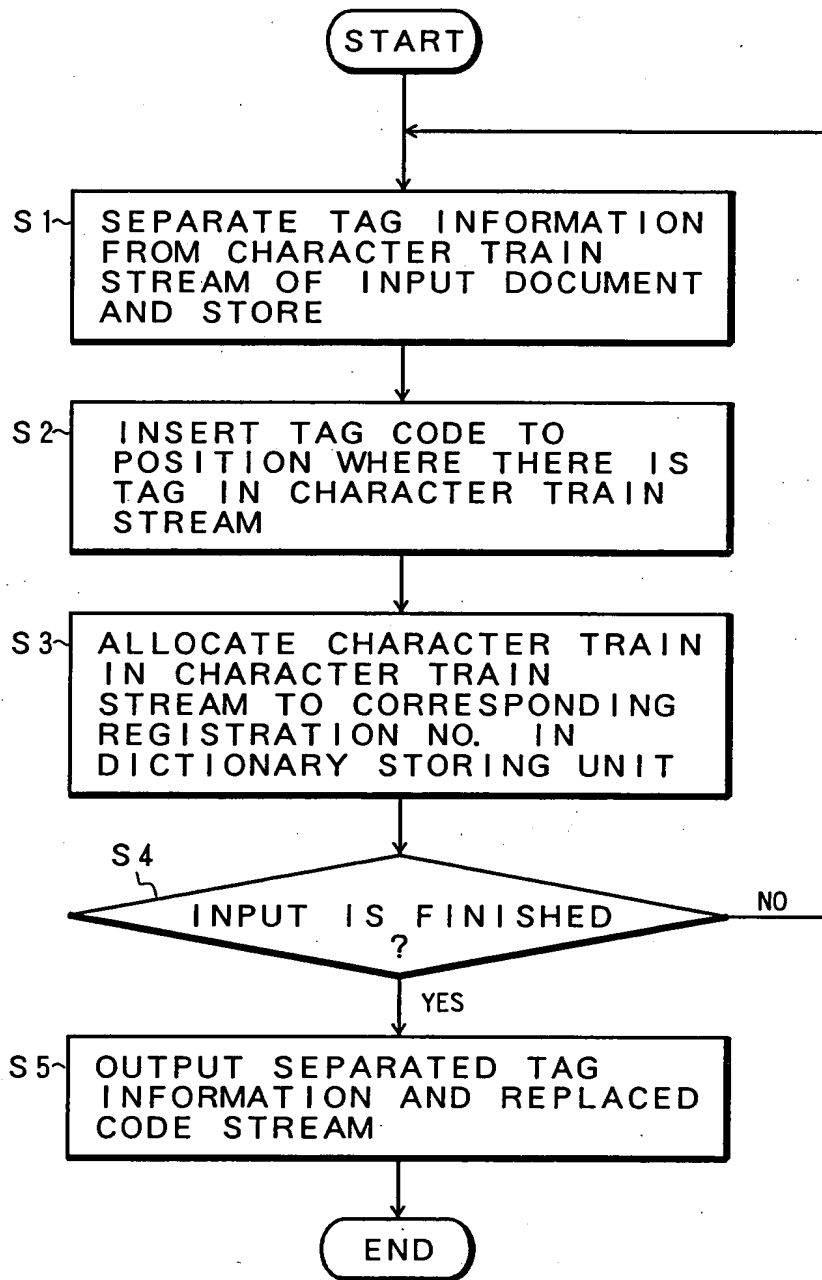
FIG. 19



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

20/28

FIG. 20



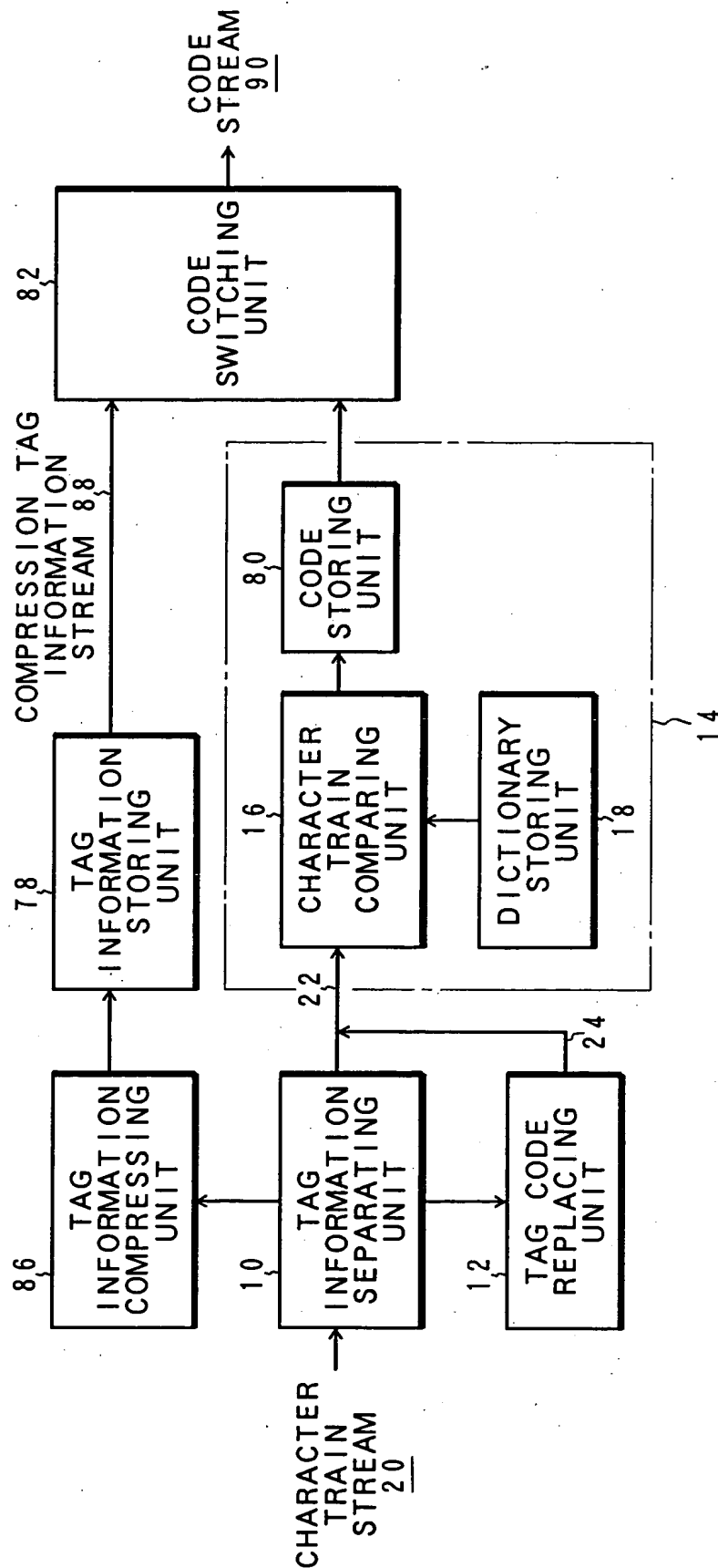
09352355 071399

66E720-9525E60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

21/28

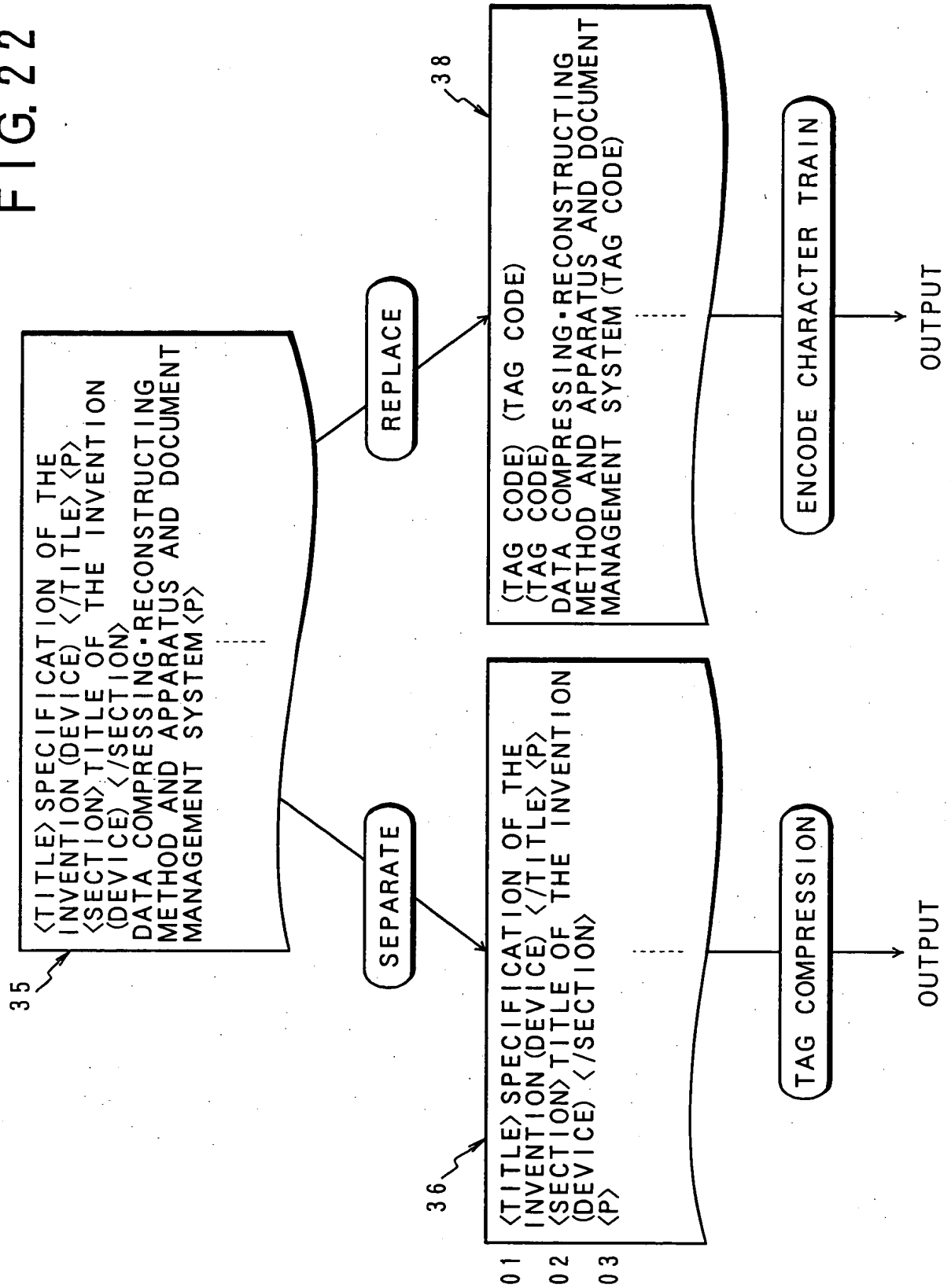
FIG. 21



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

22/28

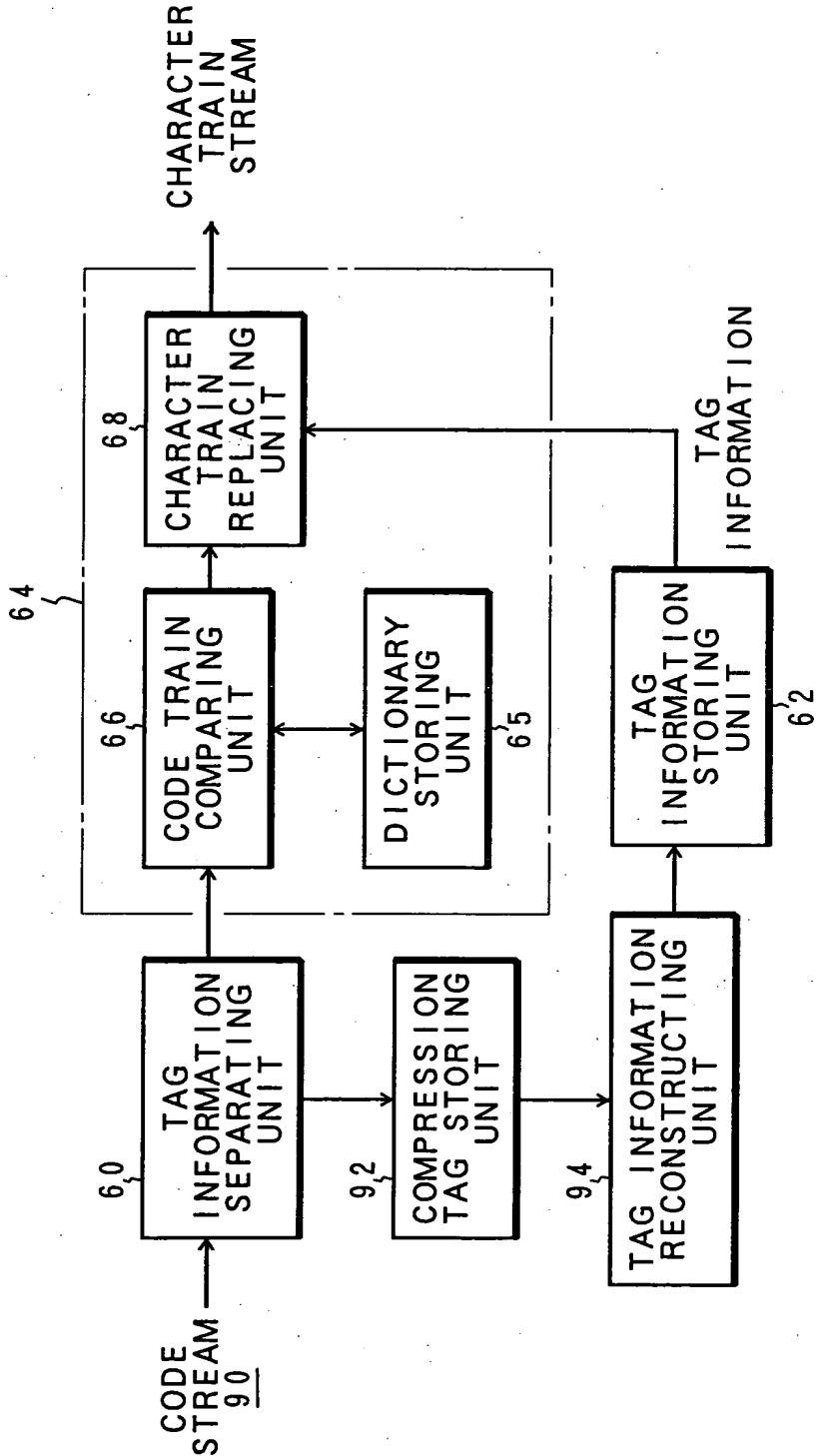
FIG. 22



66ET40" 5522560

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 23

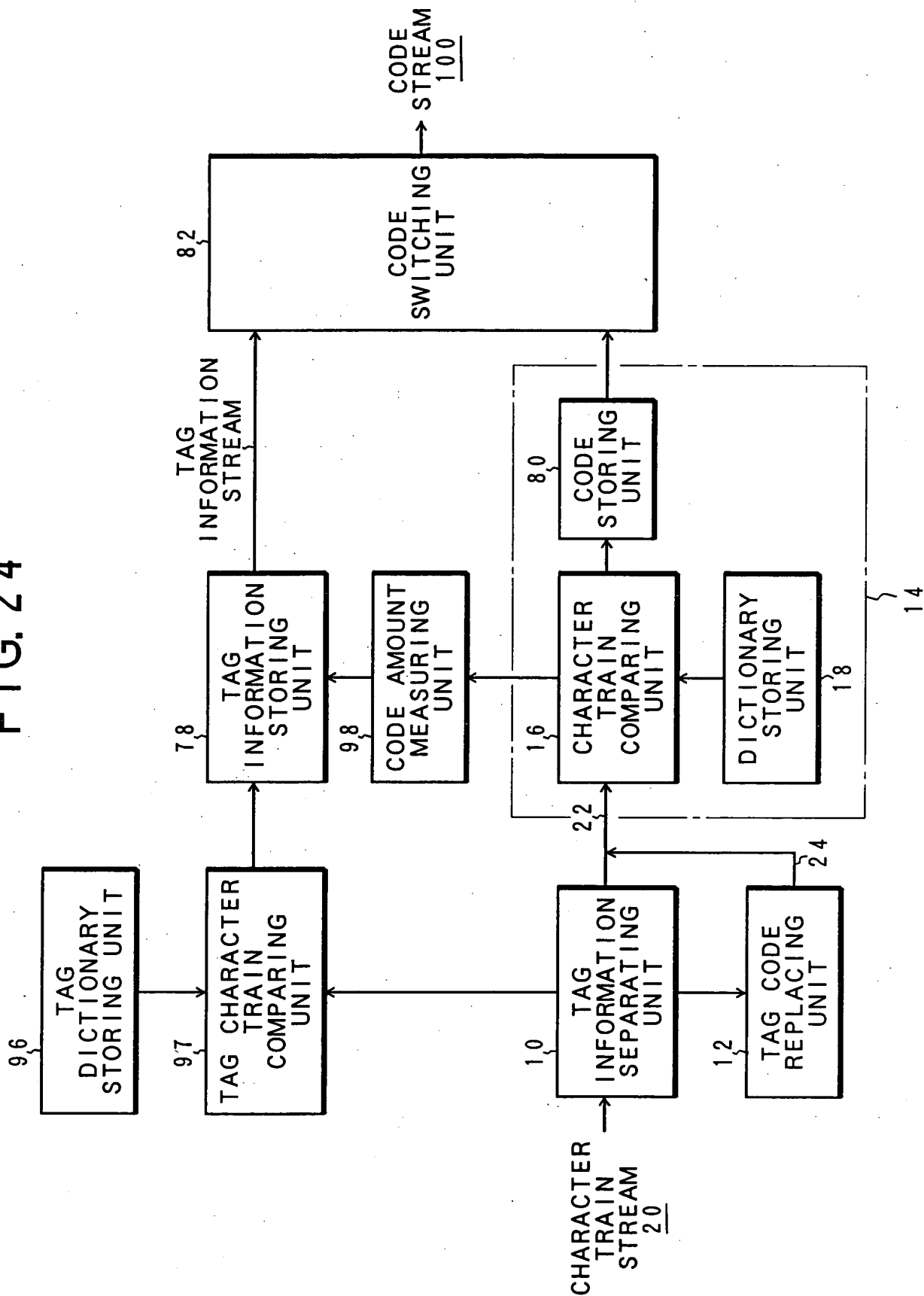


66E140" 55E23E60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

24/28

FIG. 24

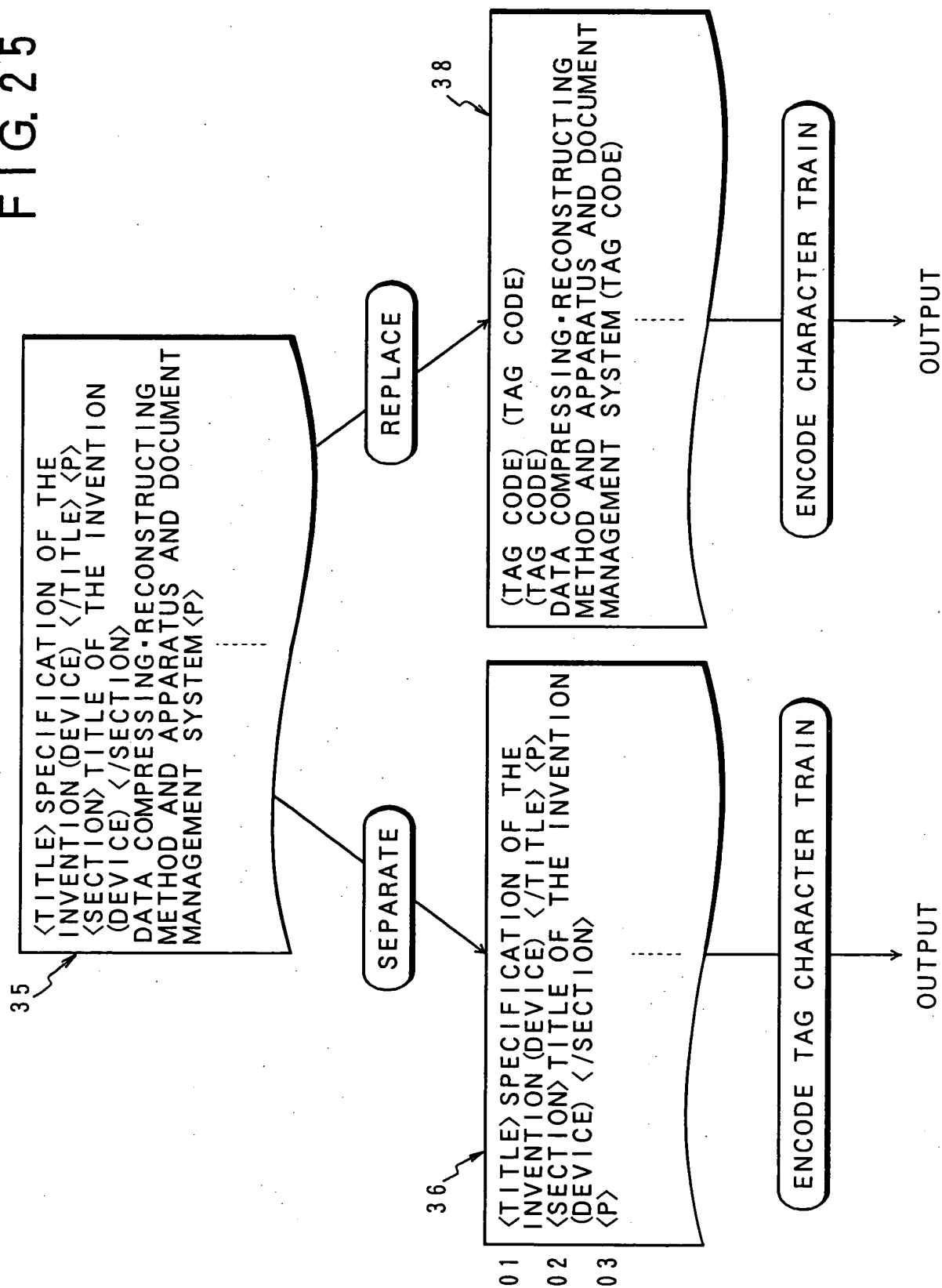




APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

25/28

FIG. 25



662720" 3522560

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

26/28

FIG. 26

36

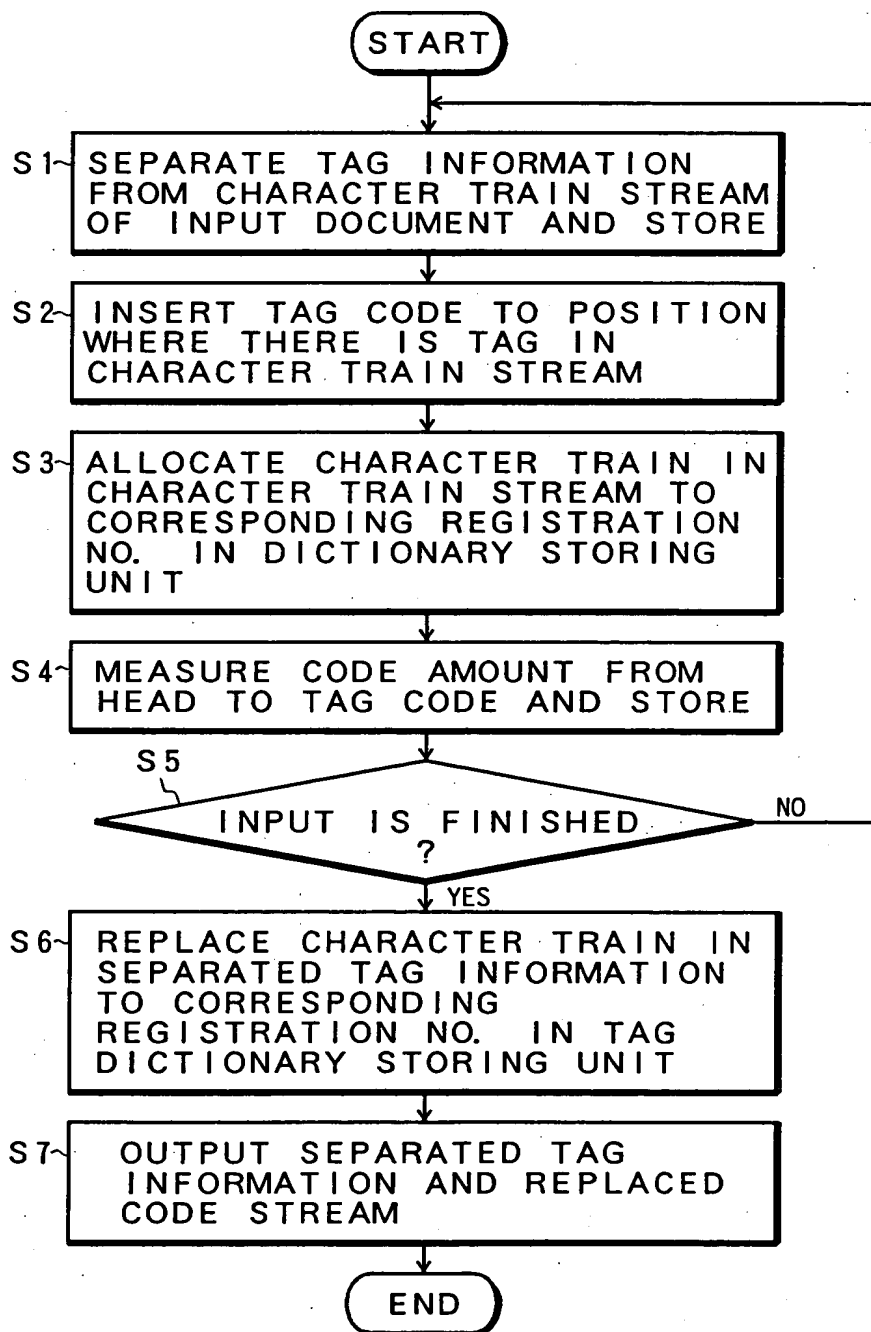
106

01	<TITLE>... (COMPRESSION AREA) ... </TITLE>	DL1
02	<P>	DL2
03	<SECTION>... (COMPRESSION AREA) ... </SECTION>	DL3
04	<P>	DL4
05	<SECTION>... (COMPRESSION AREA) ... </SECTION>	DL5
06	<SUBSECTION>... (COMPRESSION AREA) ... </SUBSECTION>	DL6
07	<LIST>... (COMPRESSION AREA) ... </LIST>	DL7
08	<P>	DL8
09	<SECTION>... (COMPRESSION AREA) ... </SECTION>	DL9
10	<SUBSECTION>... (COMPRESSION AREA) ... </SUBSECTION>	DL10
11	<PARAGRAPH>	DL11
12	<PARAGRAPH>	DL12
13	<TT>... (COMPRESSION AREA) ... </TT>	DL13
	...	

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

27/28

FIG. 27



095355-071369

66T40 5523E60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

28/28

FIG. 28

